

**ePortfolio Design Document**

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**Purpose:**
The purpose of this website is to create an ePortfolio to present numerous artifacts that I have collected throughout my coursework and field work while in the Instructional Technology Masters Program at The University of Akron. These artifacts will demonstrate my personal understanding of how to effectively integrate technology into the design and implementation of numerous teaching, learning, and assessment strategies. Accordingly, my ePortfolio will help to communicate my knowledge of the NETS-TFs and their relationship to the educational process.

**Needs Assessment:**
There are 8 NETS-TF standards that I will align all of my artifacts to, which can be described as follows:

1. Technology Operations and Concepts
2. Planning and Designing Learning Environments and Experiences
3. Teaching, Learning and the Curriculum
4. Assessment and Evaluation
5. Productivity and Professional Practice
6. Social, Ethical, Legal, and Human Issues
7. Procedures, Policies, Planning and Budgeting for Technology Environments
8. Leadership and Vision

**Audience:**
The main audience for this ePortfolio will include my program advisor, Dr. I-Chun Tsai, who holds a Ph.D. in the area of learning technology from The University of Missouri-Columbia. Her areas expertise include online learning environments and the social nature associated with it.

Dr. Cheryl Ward, an assistant professor in the department of Educational Foundations and Leadership, will also be included within the audience of my ePortfolio. Dr. Ward has over 20 years of experience in the area of educational technology. She is a major advocate for utilizing technology for differentiated instruction with students.

**Content/Subject and its fit with web site goals:**
The following artifacts will be included within my ePortfolio:

- A Technology Based Grant Proposal to acquire a TI-Navigator System
- A Wiki created as an online learning environment for a Geometry unit on the Pythagorean theorem
- A written plan and documentation for the integration of graphing calculators into a lesson on matrix multiplication
- A review of Revere High School’s Technology Plan
- An article critique of a study relating to technology’s impact on classroom learning
- My personal philosophy regarding teaching and technology
- Various hypermedia and multimedia tools used to design and create digital audio, video, and image modules for use in the educational process
• Contact information for myself

All of these artifacts will serve to demonstrate my proficiency in the areas of Technology Leadership, Teaching and Learning, Instructional Design and Multimedia Development, and Professional Development. Hence, the ePortfolio will serve as a universal summary of the knowledge and experience I have gained while in the IT Masters Program at The University of Akron.

Presentation of information:
The website for my ePortfolio will contain a homepage for introducing myself and explaining my experiences in the field of educational technology. Contact information and credentials will be included here as well. The homepage will also include a menu of links to four other pages: (1) Technology Leadership, (2) Teaching and Learning, (3) Instructional Design and Multimedia Development, and (4) Professional Development. Each of these four pages will contain links to files and/or websites that will serve as the artifacts for my ePortfolio. Each artifact will be placed within its own table, complete with a description of how the artifact meets certain NETS-TF standards. All of these pages will contain links back to the homepage, as well as to one another. Lastly, I will include my personal resume as a separate page within the ePortfolio, again being linked to all other pages within the website. This web site will not only demonstrate my understanding of how to create/follow basic web design principles and layouts, but will also help my audience to assess my understanding of how each individual artifact relates to the varying NETS-TF standards.

Media, acquisition or development, and rationale for using:
I would like to design my own personal logo that somehow incorporates both technology and mathematical images into it. This logo will be positioned at the top of each individual page within the ePortfolio. Most of the images used to create this logo will either be from personal photos that I have taken of technology, or from free clipart websites so that I will not have to worry about copyright laws. The logo will most likely be designed using Adobe Photoshop. The logo will serve as my own personal trademark for the ePortfolio, as well as provide viewers with some insight as to the specific content of the site.

Color scheme and rationale:
I would like to keep my color scheme fairly neutral so as to not distract my audience from the main focus of the ePortfolio, that being the artifacts. All pages will have the same neutral background colors of light tan. Titles and headings will be done in a darker green to provide adequate contrast with the background. All artifact rationales will be done in simple brown font to ensure uniformity and consistency across all pages. Lastly, all links within the website will be done in the standard blue, underlined font to ensure that viewers understand that they are in fact links.
Outline of web site organization:

Home Page
- Logo
- Self Introduction and Background
- Purpose of ePortfolio
- Table with Links to other four pages
- Links to Revere Local Schools website and to ISTE standards
- Contact information with link to email address

Technology Leadership
- Logo
- Link to Technology Plan Review w/ explanation
- Link Grant Writing Project w/ explanation
- Table with links to other four pages

Teaching and Learning
- Logo
- Link to Wiki OLE w/ explanation
- Link to Wiki explanation page w/ explanation
- Link to Graphing Calculator Lesson w/ explanation
- Link to Article Critique w/ explanation
- Table with links to other four pages

Design and Development
- Logo w/ explanation
- Image file w/ explanation
- Audio file w/ explanation
- Video file w/ explanation
- Link to Wiki OLE w/ explanation
- Link to Graphing Calculator Activity w/ explanation
- Table with link to other four pages

Professional Development
- Logo w/ explanation
- Link to Article Critique w/ explanation
- Link to Technology Plan Review w/ explanation
- Link to Philosophy of Teaching and Technology w/ explanation
- Table with link to other four pages

Resume
- Logo
- Educational/Work Information
- Table with link to other four pages